


Signal word	Warning		
Hazard statements	Causes skin irritation. Causes serious eye damage.		
			
Appearance	White	Physical State	Powder
			Odor Mild

Precautionary Statements - Prevention

Keep out of reach of children.
Read label before use.
Do not breathe dusts or mists.

Precautionary Statements - Response

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin (or hair): Wash with plenty of water.
If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Precautionary Statements - Storage

Store in a dry place. Store in a closed container.

Precautionary Statements - Disposal

Dispose of contents in accordance with all applicable federal, state, and local regulations.

Hazards not otherwise classified (HNOC)

Not Applicable
Other Information
Unknown Acute Toxicity

3. Composition/ Information on Ingredients

Chemical Name	CAS No.	Weight %
Sodium Carbonate Peroxyhydrate	15630-89-4	>85
Sodium Dichloroisocyanurate, Dihydrate	51580-86-0	1-5

4. FIRST AID MEASURES

First aid measures

General Advice	Show this safety data sheet to the doctor in attendance.
Eye Contact	If in eyes, immediately flush eyes with plenty of water for 15–20 minutes. If present, remove contact lenses. Call a poison control center or doctor for further treatment advice.
Skin Contact	Wash with plenty of water.
Inhalation	Remove to fresh air. Immediate medical attention is not required.
Ingestion	Do not induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor or poison control center.

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects See Section 11 for information.

Indication of any immediate medical attention and special treatment needed

Notes to Physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Flood with water for extinguishing agent.

Unsuitable extinguishing media

No Information available.

Explosion Date

This product is not flammable and not explosive. Decomposition releases oxygen and heat, which can support combustion and cause pressure bursts in confined spaces or containers.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until well after fire is out.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protection recommended in Section 8. Ensure adequate betilation, especially in confined areas.

For emergency responders Isolate area. Keep unnecessary personnel away.

Environmental Precautions

Environmental Precautions Prevent entry into surface water, sewers, basements or confined areas. See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and pla in container for disposal according to local/ national regulations (See Section 13).

Methods for Cleaning Up Collect spillage and dispose according to local and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Use only in well-ventilated areas. Avoid breathing vapors or mists. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Store in an original, tightly closed container in a secure area out of reach of children and domestic animals and away from sources of heat.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACIH TLV	OSHA PEL
Sodium Carbonate Peroxyhydrate 15630-89-4	Inhalable 10 mg/m ³	Total dust: 15 mg/m ³
Sodium Dichloroisocyanurate, Dihydrate 51580-86-0	Not Determined	Not Determined

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value. OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits. NIOSH IDLH: Immediately Dangerous to Life or Health.

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection Wear chemical safety glasses to avoid eye contact.

Skin and Body Protection No required.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive, pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures Wash face, hands and any exposed skin thoroughly after handling. Wash contaminated clothing and shoes before reuse. Do not Eat, Drink or Smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Powder	Odor	Mild
Appearance	Powder	Odor Threshold	No information available
Color	White		

<u>Property</u>	<u>Values</u>	<u>Remarks/ Method</u>
pH	10	1% Solution
Melting/freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	Not Applicable	None known
Evaporation rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limits in Air		
Upper flammability limit	No data available	None known
Lower flammability limit	No data available	None known
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	1.01	None known
Water Solubility	No data available	None known
Partition coefficient	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None Known
Oxidizing properties	No data available	None Known

10. STABILITY AND REACTIVITY

Reactivity

Product will react with incompatible materials to generate oxygen and heat.

Chemical stability

Stable under ordinary conditions of use and storage.

Possibility of Hazardous Reactions

Product can generate heat if exposed to incompatibilities. Generates oxygen gas, can burst pressure vessels and will make fires burn hotter.

Conditions to avoid

Contact with incompatible materials. Do not dispose of this product with residential waste.

Incompatible materials

Keep away from heat. Keep away from sources of ignition. Keep away from combustible material.

Hazardous Decomposition Products

None known.

Safety Issues that may arise should product change in physical appearance.

Dispose of product immediately per Section 13 should it become discolored.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system.
Eye Contact	Irritating to eyes.
Skin Contact	Prolonged contact may cause irritation.
Ingestion	May be harmful if swallowed.

Information on toxicological effects

Symptoms Dust can cause lung and eye irritation and drying of the skin.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Drying effects of dust on skin can be cumulative.

Numerical measures of toxicity – Product Information

Unknown Acute Toxicity No Information Available

Carcinogenicity: Not classified by IARC, OSHA, or EPA. Not included in NTP 12 the report on carcinogens.

12. ECOLOGICAL INFORMATION

Ecotoxicity

This product may be toxic to aquatic life in high concentrations.

Persistence and Degradability

Majority of product quickly degrades to naturally occurring molecules. No detectable environmental persistence expected from regular use.

Bioaccumulation

Will not bioaccumulate under normal use.

Mobility in Soil

No information available.

Other adverse effects

No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods

Dispose of in accordance with all applicable federal, state, and local regulations.

Contaminated Packaging

Dispose of in accordance with all applicable federal, state, and local regulations.

14. TRANSPORT INFORMATION

DOT

UN/ID/NA number: UN 1479

Proper shipping name: Oxidizing Solid, N.O.S. (Sodium Percarbonate)

Class : 5.1

Packing group : III

IATA

UN/ID/NA number: UN 1479

Proper shipping name: Oxidizing Solid, N.O.S. (Sodium Percarbonate)

Class : 5.1

Chemical Inventories

TSCA

All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

DSL/NDSL

All components are on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

15. REGULATORY INFORMATION

U.S. Federal Regulations

If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under 40 CFR 261, in that if it does not exhibit the characteristics of hazardous waste of

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number

Not Applicable

16. OTHER INFORMATION

Prepared By:
Technical Department

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General Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet